

Position Description (PD) for Yucca Mountain Lead Lab Activities

Position Description Number	YM031
Creation Date of PD	07/07/06
Job Title	LA Integration, Criticality and Pre-Closure Interface Specialist
SNL Dept Name	License Assessment & Technical Analysis
SNL Org Number (or TBD)	06853
Number of Openings	1
Description of Position	This position is within the License Application Group of the Lead Laboratory Licensing Department. The Lead Laboratory will be responsible for the preparation and review of Chapters 2 and 4, Post-Closure Safety and Performance Confirmation, respectively of the License Application (LA). The M&O Contractor (currently, Bechtel-SAIC Company, LLC) will have responsibility for the preparation for the remaining chapters of the LA as well as the assembly, printing and delivery of the LA to DOE. Because of this separation of responsibilities regarding the preparation of the LA, close integration between the chapters being prepared by the M&O Contractor and those being prepared by the the Lead Laboratory is necessary, particularly in the areas of criticality and pre-closure safety, to ensure a consistent LA. In addition, close integration to ensure consistency between the different sections of the chapters that the Lead Laboratory will prepare will also be necessary, particularly for Chapter 2 (Post-Closure Safety). The LA Integration, Criticality and Pre-Closure Interface Specialist will be responsible for managing and performing the aforementioned integrations.
Required Skills & Experience	Fifteen (15) or more years of professional experience in a licensing or nuclear safety environment; experience in the preparation of complex technical documents; ability to interact with a multidisciplinary group of technical experts at diverse geographical locations; knowledge of the regulatory requirements in the NRC Regulation, 10 CFR Part 63, and the acceptance criteria in the NRC's <i>Yucca Mountain Review Plan</i> (NUREG-1804) as they apply to Post-Closure Safety and Performance Confirmation; knowledge of the Yucca Mountain Project's Performance Assessment and Performance Confirmation programs.
Desired Skills & Experience (if applicable)	Experience in the preparation of previous drafts of the Yucca Mountain LA, particularly Chapters 2 and 4, and Quality Assurance requirements.
Required Education (Degrees & Levels)	Advanced degree in engineering
Desired Education (Degrees & Levels - if applicable)	
Full Time Position? (Y/N)	Yes
Job Requires lifting 35+ Pounds (Y/N)	No
Desired Start Date	10/1/06
Can this position accommodate...	
Part Time Employees? (Y/N)	Telecommuting? (Y/N)
	Foreign Nationals? (Y/N)

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1.5.01.14	not used by SNL (Repository Integration)	
WBS Elements of 1.5.02		
1.5.02.01	License Integration	X
1.5.02.02	License Application	X

Sand #: 2006-4508W